

| DATE | PROJECT | FIRM | TYPE |
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THE L35 INCLUDES A PATENTED OPTICAL DESIGN THAT DELIVERS A 120° BEAM ANGLE OPTION IN AN ULTRA SLIM FORM FACTOR FOR PRECISE COVE LIGHTING APPLICATIONS. EXCLUSIVE FLIP TO FLAT™ HINGE DESIGN PROVIDES FLEXIBILITY WHEN MANAGING SMALL COVE DETAILS. TROV OFFERS SMOOTH, FLICKER FREE DIMMING DOWN TO 0%.

**FEATURES :**

- DIM TO 0%, ELV REVERSE PHASE
- ULTRA LOW PROFILE
- MULTI-VOLT
- FLIP TO FLAT™
- 7 CCT OPTIONS
- 80+ AND 90+ CRI OPTIONS
- IP54 INTERIOR



| MODEL/ SIZE              | INTERIOR/ EXTERIOR | LENGTH     | POWER                            | CCT                           | CRI        | VOLTAGE         | OPTICS          |
|--------------------------|--------------------|------------|----------------------------------|-------------------------------|------------|-----------------|-----------------|
| L35                      | I                  | 12"<br>48" | 02<br>04<br>06<br>08<br>10<br>12 | WHITE<br>CCT<br>MONO<br>COLOR | 80<br>90** | MULT (120-277V) | 120             |
| ON<br>DEMAND<br>SHIPPING |                    |            |                                  | 22                            | BL         | GR****          | Blank For Color |
|                          |                    |            |                                  | 25*                           | AM         | RD***           |                 |
|                          |                    |            |                                  | 50                            |            |                 |                 |
|                          |                    |            |                                  |                               |            |                 |                 |
| BUILD TO ORDER SHIPPING  |                    |            |                                  |                               |            |                 |                 |

**EXAMPLE:** L35-I-48-06-30-90-MULT-120 \*2500K is not available in 10W or 12W. \*\*90 CRI not available in 2200K, 2500K or 5000K. \*\*\*Red is not available in 12W or 10W. \*\*\*\*Green is not available in 12W. See page 2 for cables and accessories.

| PERFORMANCE | WATTS | OPTIC | LUMEN OUTPUT             | EFFICACY |
|-------------|-------|-------|--------------------------|----------|
|             | 2W    | 120°  | 140 lm/LF ( 459 lm/m )   | 70 lm/W  |
|             | 4W    | 120°  | 407 lm/LF ( 1336 lm/m )  | 102 lm/W |
|             | 6W    | 120°  | 649 lm/LF ( 2130 lm/m )  | 108 lm/W |
|             | 8W    | 120°  | 866 lm/LF ( 2839 lm/m )  | 108 lm/W |
|             | 10W   | 120°  | 1082 lm/LF ( 3549 lm/m ) | 108 lm/W |
|             | 12W   | 120°  | 1273 lm/LF ( 4176 lm/m ) | 106 lm/W |

ALL LUMEN DATA IS FROM 4000K 80CRI FIXTURES. PLEASE SEE PHOTOMETRY SPEC SHEET FOR ADDITIONAL LUMEN DATA.

**COLOR RENDERING INDEX**  
**COLOR CONSISTENCY**  
**LUMEN DEPRECIATION / RATED LIFE**

80+, 90+  
2-STEP MACADAM ELLIPSE

| WATTS   | L70 @ 25C | L70 @ 50C | L90 @ 25C | L90 @ 50C |
|---------|-----------|-----------|-----------|-----------|
| 2W-8W   | >73,000   | >60,000   | >22,000   | >18,000   |
| 10W-12W | >150,000  | >70,000   | >50,000   | >25,000   |

\*CALCULATIONS FOR LED FIXTURES ARE BASED ON MEASUREMENTS THAT COMPLY WITH IES LM-80 TESTING PROCEDURES AND IES TM-21 CALCULATOR

| ELECTRICAL | POWER CONSUMPTION      | 2W*/LF (6.6W/M) ; 4W/LF (13.2W/M) ; 6W/LF (19.8W/M) ; 8W/LF (26.4W/M) ; 10W/LF (33W/M) ; 12W/FL (39.6W/M) * 3W/LF (9.9W/M) at 220V -277V |                |                |                |                |                |                |                |                |                |                |                |
|------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|            | MAX FIXTURE RUN LENGTH |                                                                                                                                          |                |                |                |                |                |                |                |                |                |                |                |
|            |                        | 2W/LF                                                                                                                                    |                | 4W/LF          |                | 6W/LF          |                | 8W/LF          |                | 10W/LF         |                | 12W/LF         |                |
|            | Volts                  | Max Run all 1'                                                                                                                           | Max Run all 4' | Max Run all 1' | Max Run all 4' | Max Run all 1' | Max Run all 4' | Max Run all 1' | Max Run all 4' | Max Run all 1' | Max Run all 4' | Max Run all 1' | Max Run all 4' |
|            | 120                    | 214                                                                                                                                      | 214            | 186            | 186            | 152            | 152            | 114            | 114            | 91             | 91             | 76             | 76             |
|            | 220                    | 374                                                                                                                                      | 392            | 340            | 340            | 277            | 277            | 209            | 209            | 95             | 167            | 95             | 139            |
|            | 277                    | 374                                                                                                                                      | 494            | 374            | 428            | 349            | 349            | 263            | 263            | 95             | 190            | 95             | 175            |

NOTE: Information on this Spec Sheet is subject to change, please visit [ecosenselighting.com/downloads](https://ecosenselighting.com/downloads) for the most updated information.

| DATE           | PROJECT                                                                                                                                                      | FIRM                                                                                                                                                                                                                                                          | TYPE |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
|                | <b>POWER FACTOR</b><br><b>OPERATING VOLTAGE</b><br><b>DRIVER</b><br><b>STARTUP TEMPERATURE</b><br><b>OPERATING TEMPERATURE</b><br><b>STORAGE TEMPERATURE</b> | 4W, 6W, 8W, 10W, 12W >0.9, 2W<0.9<br>MULTIVOLT: 110-277VAC, 50/60 Hz<br>INTEGRAL TO FIXTURE; DE-RATED POWER AND SYNCHRONOUS START-UP AT FULL BRIGHTNESS<br>-40°F TO 122°F (-40°C TO 50°C)<br>-40°F TO 122°F (-40°C TO 50°C)<br>-40°F TO 176°F (-40°C TO 80°C) |      |
| <b>CONTROL</b> | <b>DIMMING</b>                                                                                                                                               | 110-277VAC, ELV TYPE 0.07%-100%, REVERSE PHASE, TRAILING EDGE<br>ETC control systems require 0-10V control using EcoSense LDCM. TROV will not work with ETC phase dimmers.                                                                                    |      |

|                 |                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                       |  |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>PHYSICAL</b> | <b>HOUSING /LENS</b><br><br><b>WEIGHT</b><br><b>CONNECTORS</b><br><b>ENVIRONMENT</b><br><b>BEAM ANGLE</b><br><b>MOUNTING OPTIONS</b> | EXTRUDED ALUMINUM; CLEAR POLYCARBONATE; STAINLESS STEEL FASTENERS;<br>PLASTIC ENDCAPS RUBBER OVERMOLD FOR CABLE ASSEMBLY<br>1.2LBS / 0.55KG (1FT) ; 3.95LBS / 1.8KG (4FT)<br>INTEGRAL MALE/ FEMALE CONNECTORS<br>INDOOR • ETL CERTIFIED FOR DRY/DAMP LOCATIONS IP54<br>COVE<br>INTEGRAL MOUNTING AND ADJUSTABLE AIMING FROM 0°-180° IN 15° INCREMENTS |  |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

|                                            |                                                                           |                                                                                                                                                                                                                                                                                                                                           |                                             |
|--------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <b>FIXTURE RATING &amp; CERTIFICATIONS</b> | ETL CERTIFIED<br>RoHS COMPLIANT<br>ENERGY STAR COMPLIANT<br>RCM CERTIFIED |     | Title 24<br>JA8-2016<br>*90 CRI models only |
|--------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|

**LIMITED WARRANTY 5 YEARS****WIRING OPTIONS (MVOLT): 110-277VAC**

|                                                                  |                   |
|------------------------------------------------------------------|-------------------|
| Power Cable Assembly, TROV, Leader/Jumper, 10 foot.....          | CBL-3P-L-UNV-10*  |
| Power Cable Assembly, TROV, Leader/Jumper, 50 foot.....          | CBL-3P-L-UNV-50*  |
| Power Cable Assembly, TROV, Jumper, 5 foot.....                  | CBL-3P-L-UNV-05** |
| Power Cable Assembly, TROV, Jumper, 1 foot .....                 | CBL-3P-L-UNV-01** |
| Power Cable Assembly, TROV, Adjustable Jumper, 0" to 7" .....    | CBL-3P-L-UNV-ADJ  |
| Power Cable Assembly, TROV, Male and Female terminator caps..... | CBL-3P-L-UNV-CAPS |

\*Two (2) terminators are included with the 10' and 50' power cable. One Leader need per circuit/fixture run. Cables are not plenum rated.  
 \*\* If using the 5' or 1' power cable assembly as a leader to power a run one set of CBL-3P-L-UNV-CAPS will also be need per cable.

**0-10V CONTROL OPTIONS**

100-120VAC / 277VAC Linear Dimming Control Module 0-10V - Plenum Rated ..... LDCM-PL-120-277-010V-GR  
 All products come standard with ELV dimming capabilities. 0-10V Control options required for operation at 0-10V.

**OPTIONAL ACCESSORIES****Mounting**

Mounting Track and Clips Set, 48 Inch Track, 8 Clips..... MNT-L-TRKCLIP-48 .....48" track and clips set will work with one 48" fixture or four 12" fixtures.  
 Mounting Track and Clips Set, 12 Inch Track, 2 Clips.....MNT-L-TRKCLIP-12 .....12" track will not work with 48" fixtures.  
 Mounting Track Clip, TROV, Set of 2..... MNT-L-CLIP ..... Clips needed = 12" fixtures need 1 set of 2 and 48" fixture needs 2 sets of 2.  
 90 Degree L bracket, TROV, Set of 2.....MNT-L-LBKT .....L-Brackets needed = 12" fixtures need 1 set of 2 and 48" fixture needs 1 set of 2.  
 Angle Locking Clip, TROV, Pack of 10..... MNT-L-ANGLOCK .....Angle Locks needed = 12" fixtures need 1 and 48" fixtures need 2.  
 Mounting, Fine Adjustment Bracket, TROV ..... MNT-L-FAB .....Fine Adjustment Brackets needed = 12" fixtures need 1 and 48" fixtures need 2.  
 \*Fine Adjustment Bracket is highly recommended for Grazing Optics.  
 Mounting, Fine Adjustment L-Bracket, TROV .....MNT-L-LFAB .....Fine Adjustment L-Brackets needed = 12" fixtures need 1 and 48" fixtures need 2.  
 \*Fine Adjustment L-Bracket is recommended for Asymetric Optics when aiming is needed.

**Wall Mount Arm**

|                                                                  |             |
|------------------------------------------------------------------|-------------|
| Wall Mount Arm, 6 inch, TROV .....                               | WMA-L-CA-06 |
| Wall Mount Arm, 12 inch, TROV.....                               | WMA-L-CA-12 |
| Wall Mount Arm, 18 inch, TROV.....                               | WMA-L-CA-18 |
| Wall Mount Arm, 24 inch, TROV.....                               | WMA-L-CA-24 |
| Wall Mount Arm End Plate Set, TROV, Includes Left and Right..... | WMA-L-END   |
| Wall Mount Arm Joiner Plate, TROV .....                          | WMA-L-JNR   |

Wall Mount Arms needed = For individual fixture installations two arms and one end set will be needed per fixture. For continuous run installation one endset will be needed per run. Each end set contains one left and one right end plate. One joining set will be needed per joint. One arm per fixture will be need plus one extra arm to complete the run. For example: A 10ft run made with two 4ft and two 1ft fixtures will contain; 1 x WMA-L-END, 3 x WMA-L-JNR, and 5 x WMA-L-CA-12. Leader cables are not included with wall mount arms, end sets, or joiners sets.

**Snap-on Lenses**

|                                          |                   |
|------------------------------------------|-------------------|
| Snap-on Lens, Frosted, 12 inch, L35..... | LENS-L35-FROST-12 |
| Snap-on Lens, Frosted, 48 inch, L35..... | LENS-L35-FROST-48 |
| Snap-on Lens, Clear, 12 inch, L35 .....  | LENS-L35-CLEAR-12 |
| Snap-on Lens, Clear, 48 inch, L35.....   | LENS-L35-CLEAR-48 |

Snap-on Lenses need = One 12" lens is needed per 12" fixture and one 48" lens is needed per 48" fixture.  
 Clear lenses can be used to hold colored filters to customize the output color of any TROV fixture, except the ASYM. Color filters supplied by others.

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**Landscape Stake**

Landscape Stake, 6 inch, TROV, Set of 2.....LS-L-STK-06  
 Landscape Stake, 12 inch, TROV, Set of 2.....LS-L-STK-12  
 Landscape Stake, 18 inch, TROV, Set of 2.....LS-L-STK-18

Landscape Stakes needed = 12" and 48" fixtures both need one set of 2.

**Masking Plates**

Masking Plate, 3 inch high, 12 inch, L50 & L35.....MP-L50-3H-12  
 Masking Plate, 3 inch high, 48 inch, L50 & L35.....MP-L50-3H-48

Masking Plates needed = One 12" plate is needed per 12" fixture and one 48" plate is needed per 48" fixture.

**Wire Box**

Conduit Connection, Wire Box, TROV, Interior Only, L35.....CC-L-WIREBOX

Wire box can be used instead of a leader cable to start a run. 1/2" conduit fitting can attach directly to the box on one end and the fixture to the other.

